

BUILDING CODE COMPLIANCE OFFICE (BCCO) PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1107 MIAMI, FLORIDA 33130–1563 (305) 375–2902 FAX (305) 372–6339

www.miamidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Jeld–Wen, Inc. (OR) 3250 Lakeport Drive Klamath Falls, OR 97601

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami–Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami–Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION:

Series "6100 S/H & 6400 D/H Premium Atlantic" Aluminum Single-/ Double Hung Windows - L.M.I.

APPROVAL DOCUMENT: Drawing No. **JELD0093**, titled "Premium Atlantic 6400 D/H & 6100 S/H Alum. Window, LMI", sheets 1 through 8 of 8, prepared by PTC, LLC, dated 08/11/09 with revision "A" dated 12/17/09, signed, signed and dated 02/11/10 by Robert J. Amoruso, P. E., bearing the Miami–Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami–Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami—Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA No. 07–0717.05 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime J. Gascon, P. E.



J. GASCON 2/23/10 NOA No. 09-0916.05 Expiration Date: December 12, 2012 Approval Date: March 17, 2010 Page 1

Jeld-Wen, Inc (OR)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **JELD0093**, titled "Premium Atlantic 6400 D/H & 6100 S/H Alum. Window, LMI", sheets 1 through 8 of 8, prepared by PTC, LLC, dated 08/11/09 with revision "**A**" dated 12/17/09, signed, signed and dated 02/11/10 by Robert J. Amoruso, P. E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94

along with marked-up drawings and installation diagram of double-/ single hung windows, prepared by National Certified Testing Laboratories, Inc., revised Test Report No.'s NCTL-210-3588-3 and NCTL-210-3209-4, dated 01/06/10 respectively, signed and sealed by Gerard J. Ferrara, P. E.

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203–94

along with marked-up drawings and installation diagram of double-/ single hung window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3209-4**, dated 08/16/07 respectively, signed and sealed by Gerard J. Ferrara, P. E.

(Submitted under previous NOA No. 07-0717.05)

- 3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of double hung window, prepared by Certified Testing Laboratories, Test Report No.'s **CTLA-744W** and **CTLA-744W1**, dated 10/15/01 and 01/23/02 respectively, signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 02-0408.02)

Jaime J. Gascon, P. E. Chief, Product Control Division

NOA No. 09-0916.05

Expiration Date: December 12, 2012 Approval Date: March 17, 2010

Jeld-Wen, Inc (OR)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC–2007, prepared by PTC, LLC, dated 08/11/09 and 02/11/10, both signed and sealed by Robert J. Amoruso, P. E.

Complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami–Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
- 2. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.
- 3. Notice of Acceptance No. **08-0206.01** issued to Solutia Inc. for their "Saflex HP Glass Interlayer" dated 04/17/2008, expiring on 04/17/2013.

F. STATEMENTS

- 1. Statement letter of conformance and no financial interest, dated August 11, 2009, signed and sealed by Robert J. Amoruso, P. E.
- 2. Laboratory addendum letter for Test Report no.'s NCTL-210-3588-3 and NCTL-210-3209-4, issued by National Certified Testing Laboratories, Inc., dated January 06/2010, signed and sealed by Gerard J. Ferrara, P. E.
- 3. Laboratory addendum letter for Test Report no.'s CTLA-744W and CTLA-744W1, issued by Certified Testing Laboratories, Inc., dated November 13, 2002, signed and sealed by James Blakely, V.P.

(Submitted under previous NOA No. 02-0408.02)

- 4. Laboratory compliance letters issued, as part of above referenced test reports. (Submitted under previous NOA No's. 02-0408.02 and 07-0717.05)
- Sales agreement dated November 30, 2004 between Seasonshield, Jeld-Wen and William J. Gills, signed by William J. Gills.

 (Submitted under previous NOA No. 07, 0717 05)

(Submitted under previous NOA No. 07-0717.05)

G. OTHERS

1. Notice of Acceptance No. **07–0717.05**, issued to Jeld-Wen, Inc (OR) for their Series "Premium Atlantic "6400" Aluminum Single Hung / Double Hung Windows", approved on 10/112/07 and expiring on 12/12/12.

2. Sales agreement between Seasonshield, Inc. and Jeld-Wen, Inc.

(Submitted under previous NOA No. 07-0717.05)

Jaime J. Gascon, P. E. Chief, Product Control Division

NOA No. 09-0916.05

Expiration Date: December 12, 2012 Approval Date: March 17, 2010

JELD-WEN PREMIUM ATLANTIC 6400 DOUBLE HUNG & 6100 SINGLE HUNG ALUMINUM WINDOW, LMI

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

- 1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2007 FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # NCTL-210-3588-3 DATED 01/06/10, CTLA-744W, DATED 10/15/01, CTLA-744W1, DATED 01/23/02, NCTL-210-3209-4, DATED 01/06/10 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 3. 1X PT BUCKS AND 2X PT WOOD FRAMING (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

- 4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADE IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 5. WINDOW FRAME MATERIAL: ALUMINUM ALLOY: 6063-T5 (FRAME HEAD, SILL, JAMB) 6063-T6 (SLIP-ON NAIL FIN)
- 6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 X: OPERABLE PANEL
 O: FIXED PANEL
- A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.0) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCHES.
- 5. FOR INSTALLATION THROUGH 1X PT BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH !TW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/4 INCH MINIMUM EMBEDMENT (FOR MASONRY) & 1-3/4 INCHES (FOR CONCRETE). MINIMUM EDGE DISTANCE IS 2-1/2 INCHES FOR BOTH CONCRETE & MASONRY
- 6. INSTALLATION ANCHORS ARE TO BE LOCATED THROUGH PERIMETER OF NAILING FIN WHEN APPLICABLE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

- 8. FOR CONCRETE BLOCK APPLICATIONS DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- 10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.
 B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF
 - 2102 pci AND COMDUES WITH ACL 201 ACL 218 05
 - 3192 psi AND COMPLIES WITH ACI 301, ACI 318-05 AND ACI 355
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90 AND ACI 530-05, GRADE N, TYPE 1 (OR GREATER).

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12/17/09

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No
Expiration Date

By
Miami Dade Product Control
Division

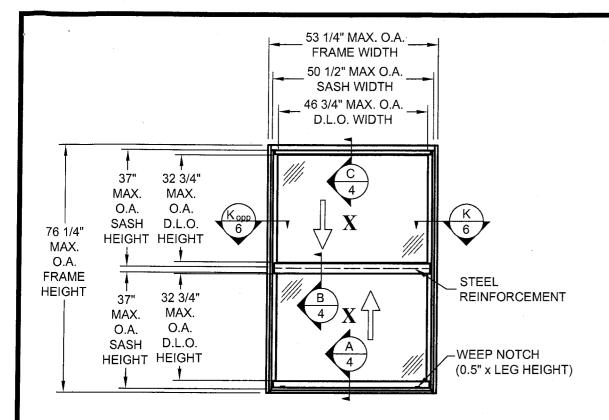
Robert J. Amoruso, P.E. Florida P.E. No. 49752

WWW 2/11/16

SHEET	REV.	SHEET DESCRIPTION
1	Α	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	Α	DOUBLE-HUNG ELEVATION & ANCHOR LAYOUTS
3	Α	SINGLE-HUNG ELEVATION & ANCHOR LAYOUTS
4	Α	VERTICAL SECTIONS
5	Α	VERTICAL SECTIONS
6	Α	HORIZONTAL SECTIONS
7	Α	GLAZING & CORNER DETAILS
8	Α	BILL OF MATERIALS & COMPONENTS

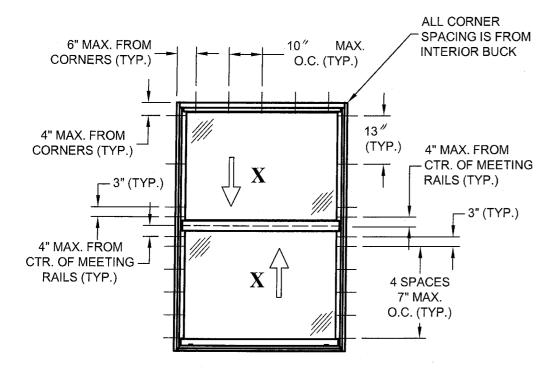
TABLE OF CONTENTS

GLAZING OPTIONS	DESIGN PRESSURE RATING (PSF)	IMPACT RATING		
1, 2, 3 & 4	+60.0 / -60.0	LARGE MISSILE IMPACT		



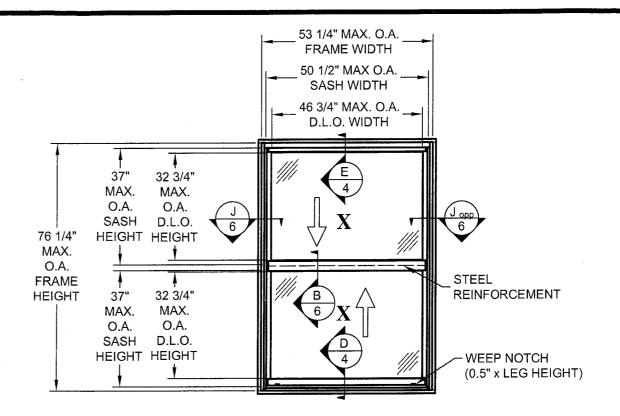
ELEVATION

DOUBLE HUNG FLANGE ELEVATION EXTERIOR VIEW



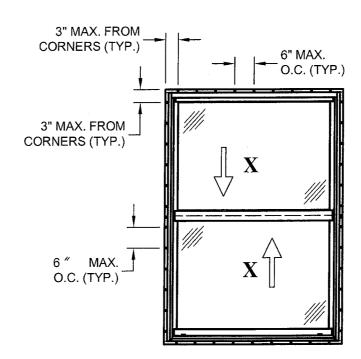
ANCHOR LAYOUT

DOUBLE HUNG FLANGE INSTALLATION EXTERIOR VIEW



ELEVATION

DOUBLE HUNG FIN ELEVATION EXTERIOR VIEW



ANCHOR LAYOUT

DOUBLE HUNG FIN INSTALLATION EXTERIOR VIEW

	
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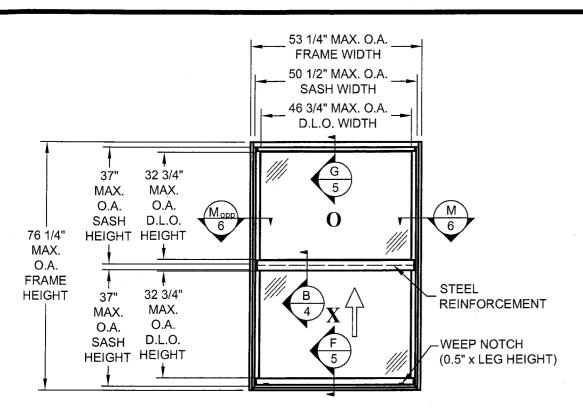
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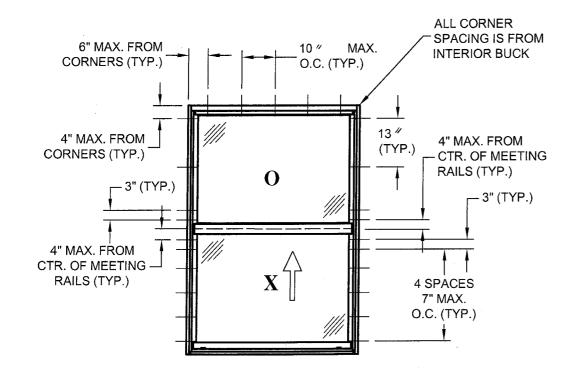
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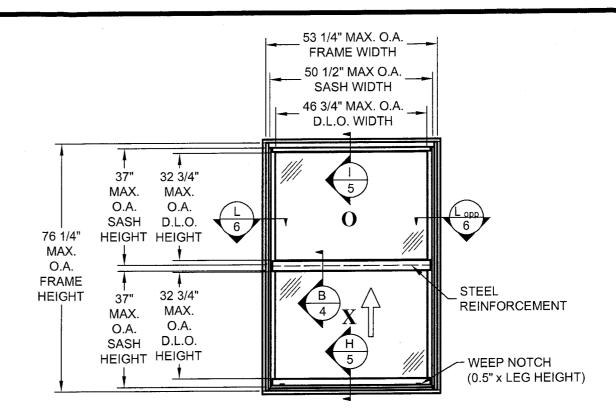
ELEVATION

SINGLE HUNG FLANGE ELEVATION **EXTERIOR VIEW**



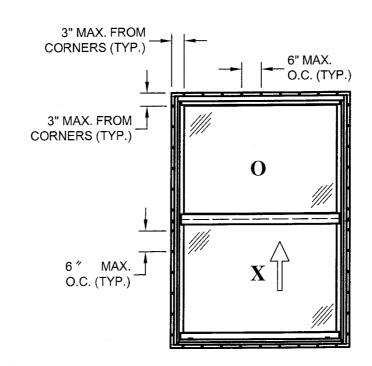
ANCHOR LAYOUT

SINGLE HUNG FLANGE INSTALLATION **EXTERIOR VIEW**



ELEVATION

SINGLE HUNG FIN ELEVATION **EXTERIOR VIEW**



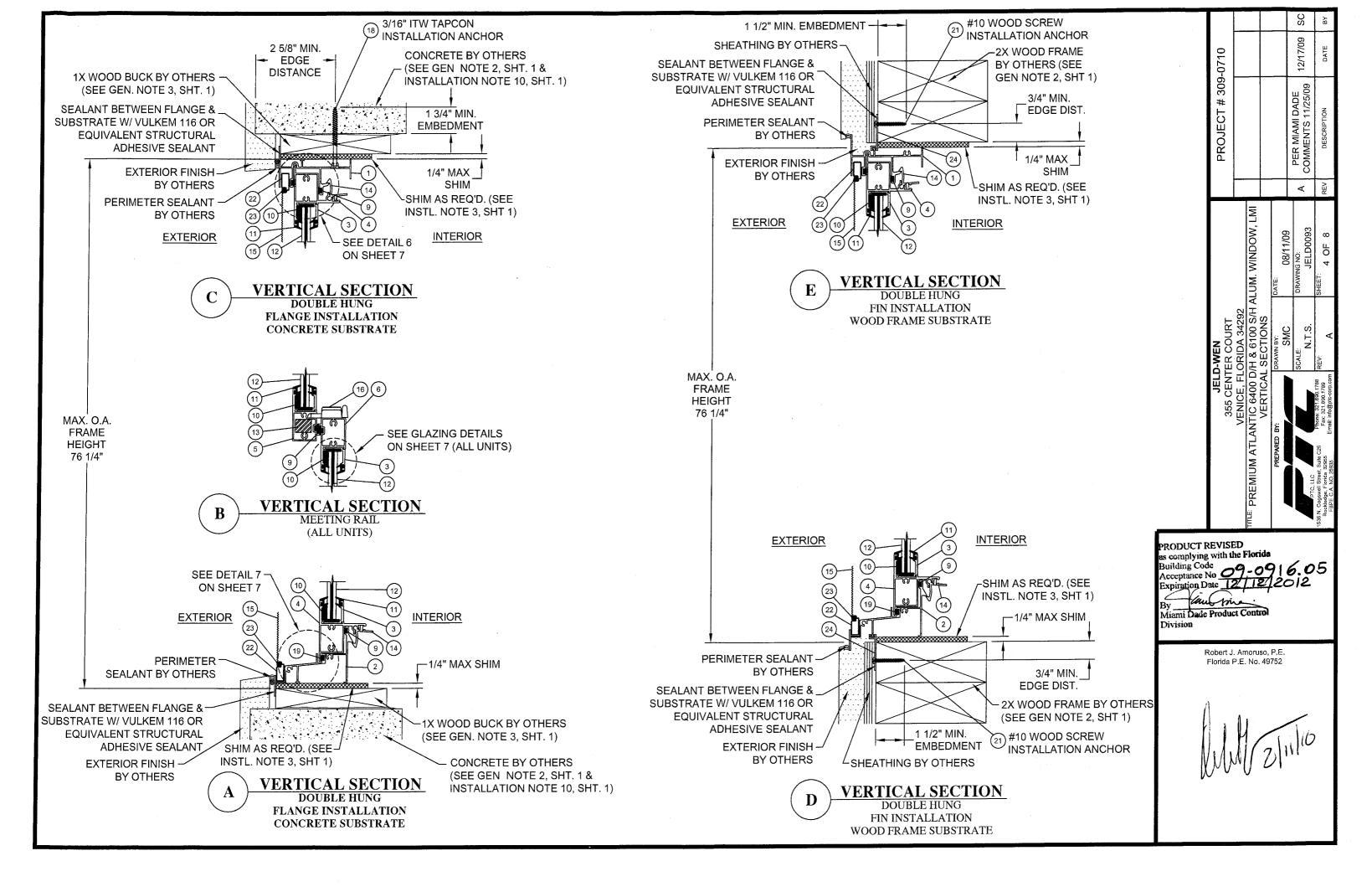
ANCHOR LAYOUT

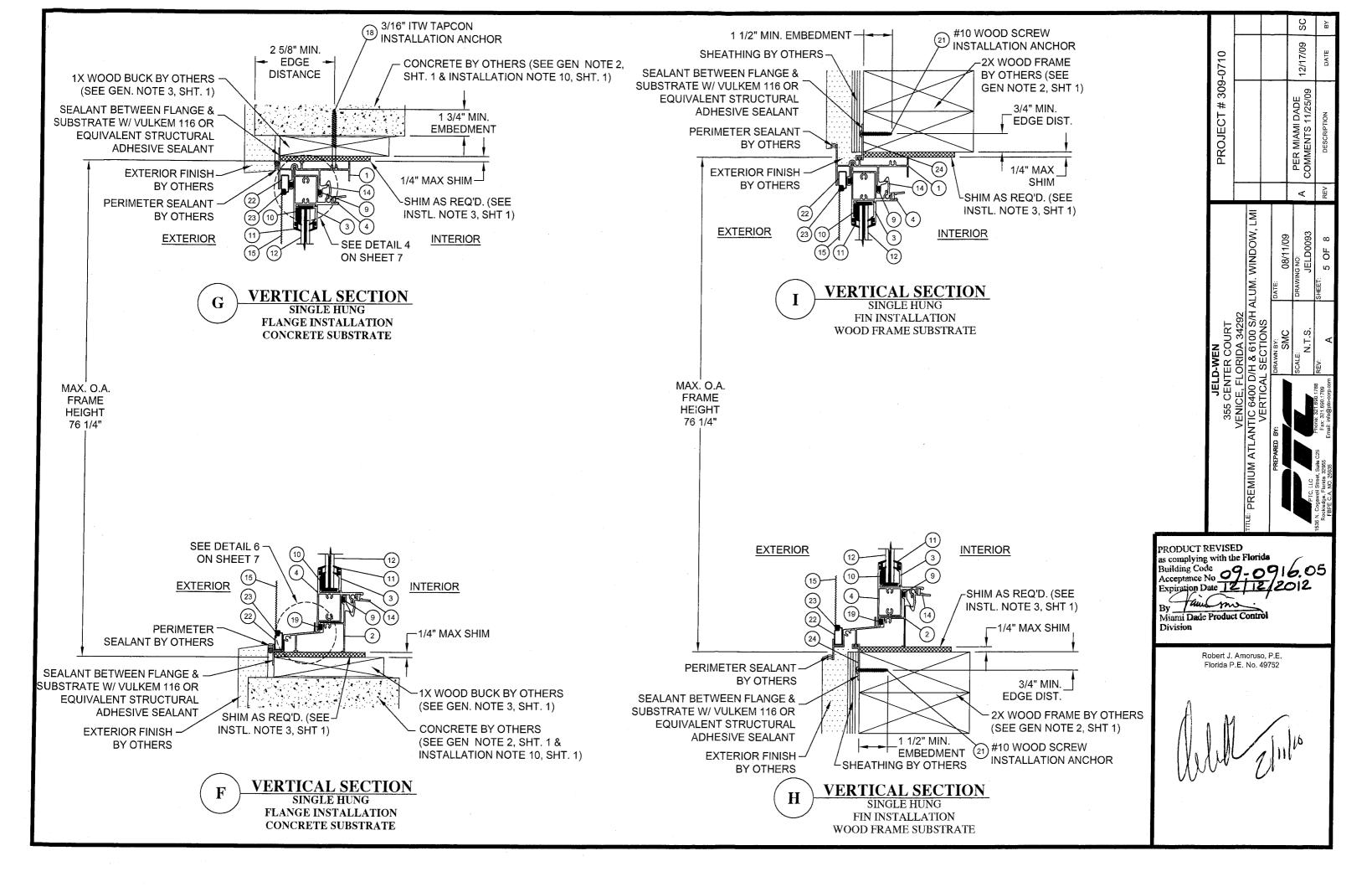
SINGLE HUNG FIN INSTALLATION **EXTERIOR VIEW**

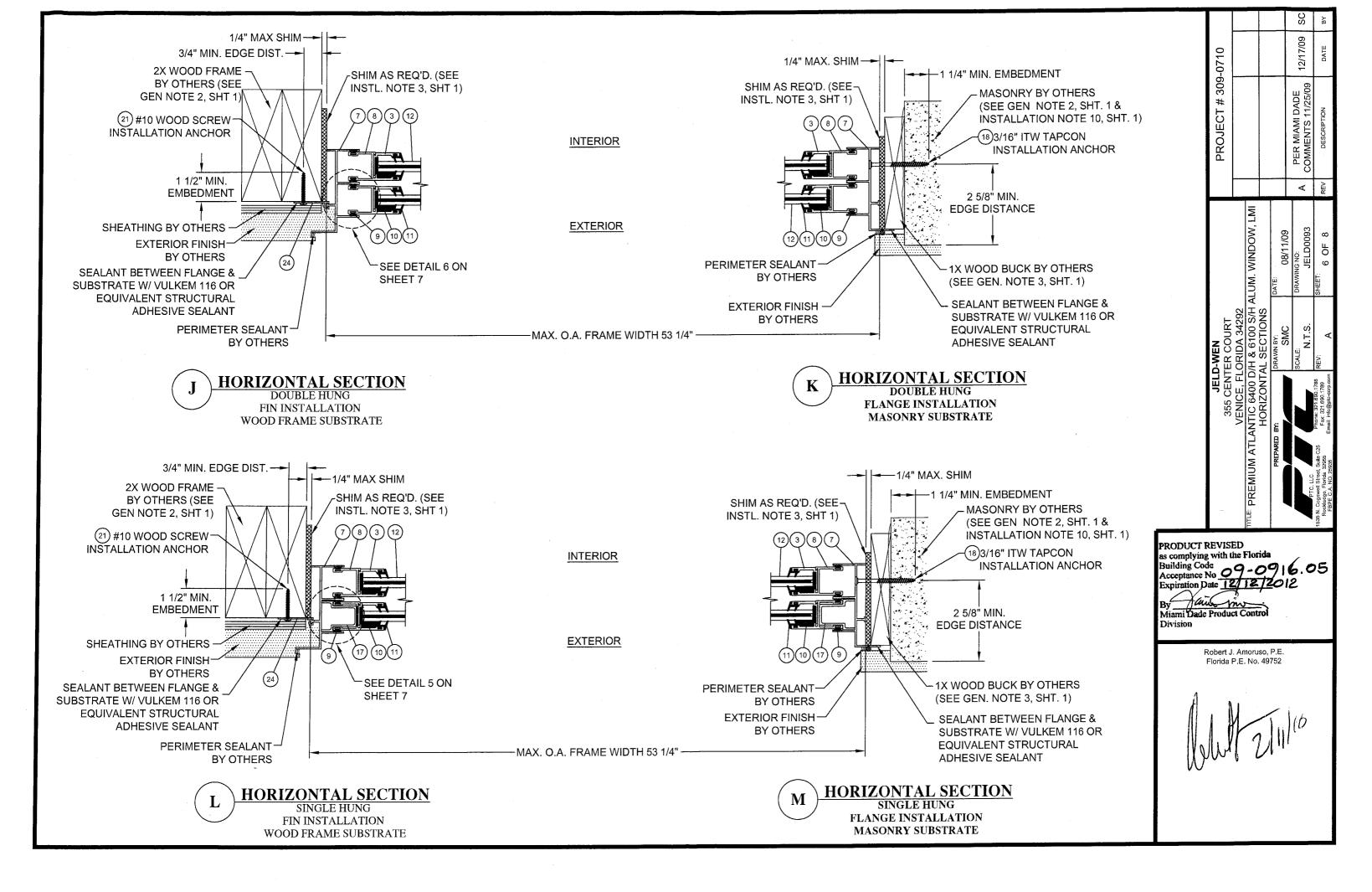
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		JELD-WEN 355 CENTER COURT	VENICE, FLORIDA 34292	TITLE: PREMIUM ATLANTIC 6400 D/H & 6100 S/H ALUM. WINDOW, LMI	SINGLE-HUNG ELEVATION & ANCHOR LAYOUTS	DATE:	08/11/09	60/11/00	DRAWING NO:	JELD0093	SHEET:	3 OF 8		
	J-WEN					DRAWN BY:	CMO	OMIC	SCALE:	N.T.S.	REV:	⋖		
	JELI					30 BY:					Phone: 321.690.1788	Email: info@ptc-corp.com		
						PREPARED BY:				PTC. U.C.	1535 N. Cogswell Street, Suite C25	Rockledge, Florida 32955 FRDF CA NO 25935		
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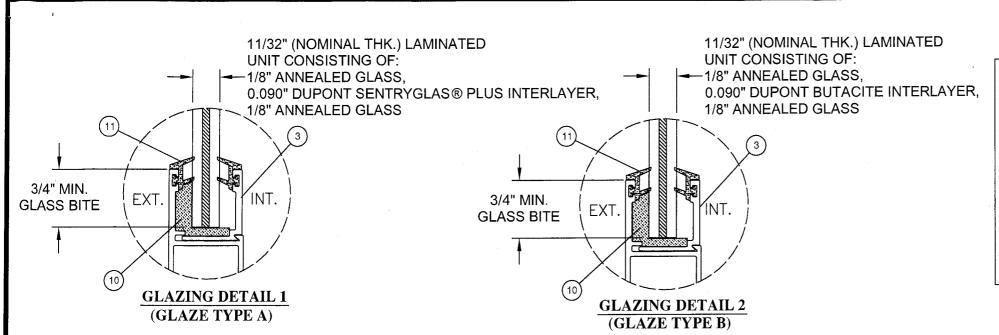
PRODUCT as complying **Building Co** Acceptance Expiration Miami Dade Product Control Division

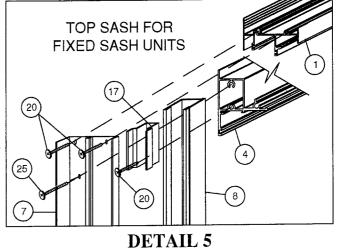
> Robert J. Amoruso, P.E. Florida P.E. No. 49752

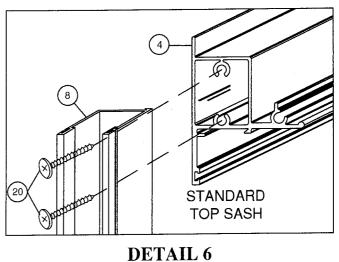


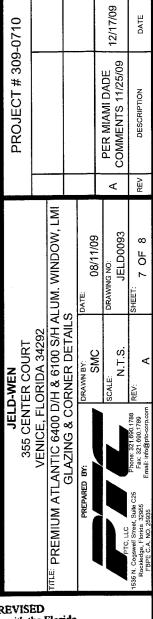


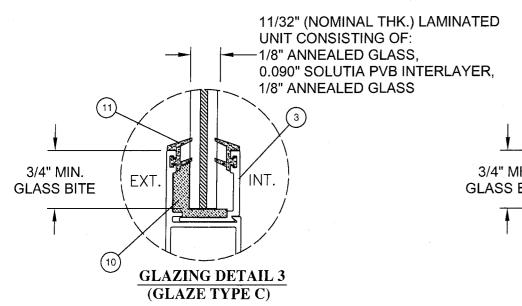


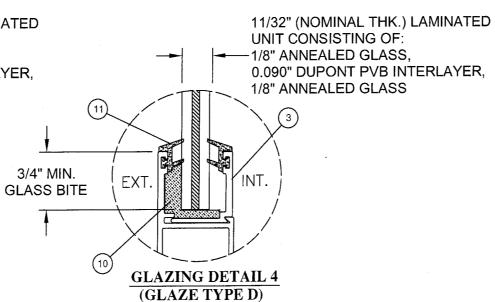


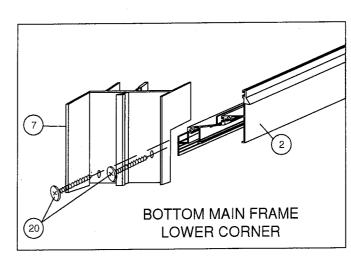












DETAIL 7

Building Code Acceptance No Expiration Date 12 11212012 By Miami Dade Product Control Division	5
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Robert J. Amoruso, P.E. Florida P.E. No. 49752



